FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: January 19, 1994 Date Received: January 13, 1994

Project: 7238, Metro Self Monitor, PO #M32640 Date Samples Extracted: January 14, 1994 Date Extracts Analyzed: January 17, 1994

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL AND ZINC

Samples Processed Using Method 3005 Results Reported as mg/L (ppm)

Sample ID	Chromium	Copper	<u>Nickel</u>	Zinc	
M32640	1.0	0.69_	0.88	0.07	
Quality Assurance					
Blank.	<0.05	<0.05	<0.05	<0.05	
M32640 (Duplicate)	1.1	0.74	0.89	0.08	
M32640 (Matrix Spike) % Recovery	84%	85%	82%	80%	
M32640 (Matrix Spike Duplicate) % Recovery	84%	84%	80%	80%	
Spike Blank % Recovery	106%	101%	108%	106%	
Spike Level	5	5	10	5	

FRIEDMAN & BRUYA, INC. 3008-B 16th Avenue West Seattle, WA 98119

SAMPLE CHAIN OF CUSTODY

1.	BTB · A	
	1.13.94	
0	8:20	

Send Report To: ALAS	KAN COPPER	WORKS	Contact	Genale -	Thompson		
ddress Y.n. any							
City, State, Zip SECTLE Phone # (196) 623-6	BOD 9812	9	Dute	1-13.94			
SITE NO.	PROJECT NAME			PURCH	ASE ORDER #		
7238	METRO SELF	· monito	2	m 32640			
SAMPLERS (signature)					CT LOCATION		
2 5.5					ME SOLT	rH	
REMARKS				SAMPL	E DISPOSAL INFORM.	· · · · · · · · · · · · · · · · · · ·	
•	•			B	Dispose after 30 days Return Samples Call for Instructions		
SAMPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lub Sample #	Analyses Requested		
M 32640	1/13/91 7:35 Am		I	47044	CB, CU, Ni, Z	4	
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SIGNATURE	PRINT NAME		COMI	ANY	Date	Time	
Reliquished by:	- Greak A. Te	224750	ALASKA	N Corner	Warke /13/54	8:12 Am	
Received by: Arch	& CRH	70/65	Fy	D Corne	- 1.13.94	8:12	
Relinquished by:							
Received by:						,	
			·				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

January 19, 1994

INVOICE # 94ACU0119-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self Monitor, PO #M32640: Results of testing requested by Gerald Thompson, Project Leader and submitted on January 13, 1994.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

January 19, 1994

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on January 13, 1994 from Project 7238, Metro Self Monitor, PO #M32640.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

Enclosures